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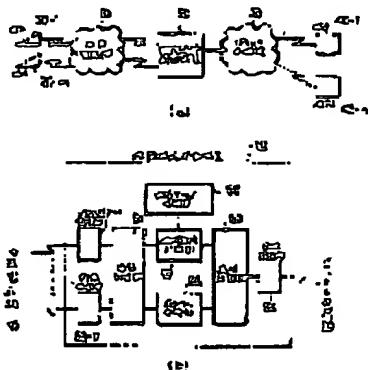
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(54) INTER-NETWORK CONNECTION CONTROL SYSTEM

(57) Abstract:

PURPOSE To simplify the mutual connection different in kind of network terminal equipments and to eliminate the limit for the kind of terminal equipment by corresponding an incoming address and a connection destination terminal equipment address in advance, and using the corresponding destination terminal equipment address so as to apply connection control to a packet exchange network.

CONSTITUTION: When a line connection section 52-1 detects an incoming call from a terminal equipment 20-1 via a public telephone network 10, it is informed to a communication control section 51. The control section 51 feeds an incoming address to an inter-network connection control section 57, which searches a terminal address storage section 58 to extract an address of a terminal equipment 40-1 corresponding to the incoming address. A call request to call the terminal equipment 40-1 is supplied to a packet exchange network 30 by using the extracted address. Then, the incoming is received to the network 10 by the connection end notice from the network 30. Thus, the data transfer between the terminal equipments 20-1 and 40-1 is attained. In such a state, a protocol conversion section 55 executes protocol conversion between networks 10 and 30 different in the kind of network to each other.



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